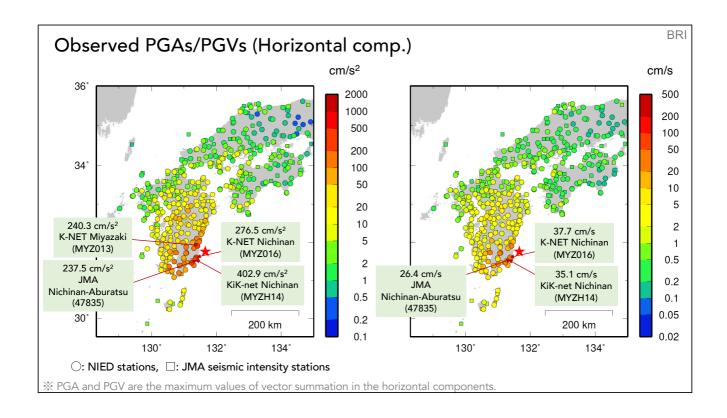
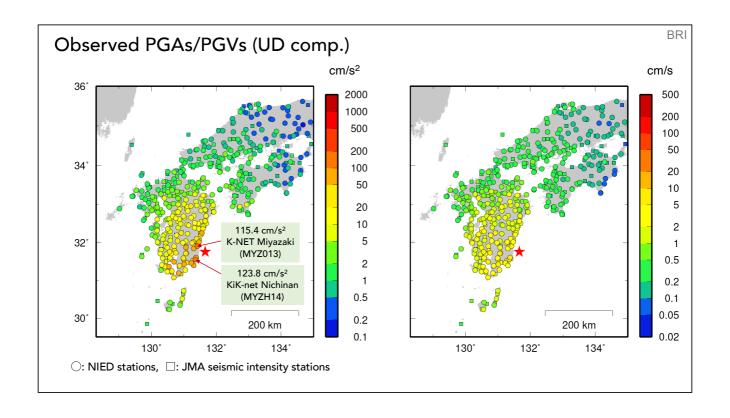
Strong Ground Motions

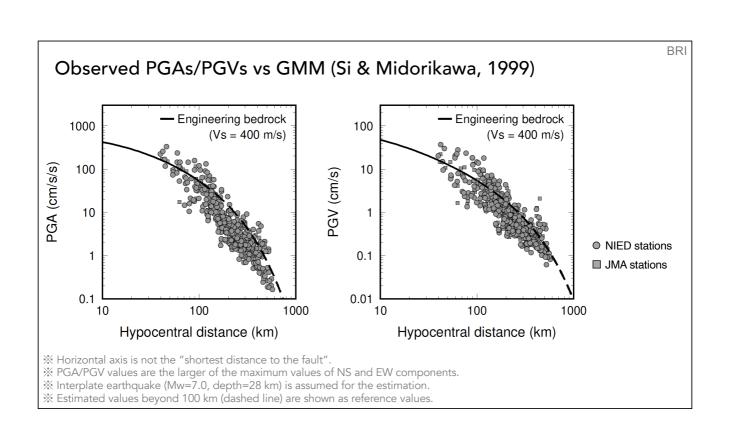
Earthquake in Hyuganada, Miyazaki Prefecture on August 8, 2024 (Mj7.1, Mw7.0)

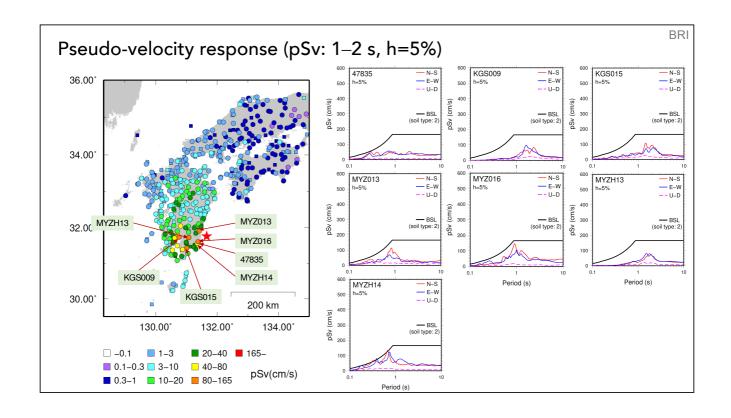
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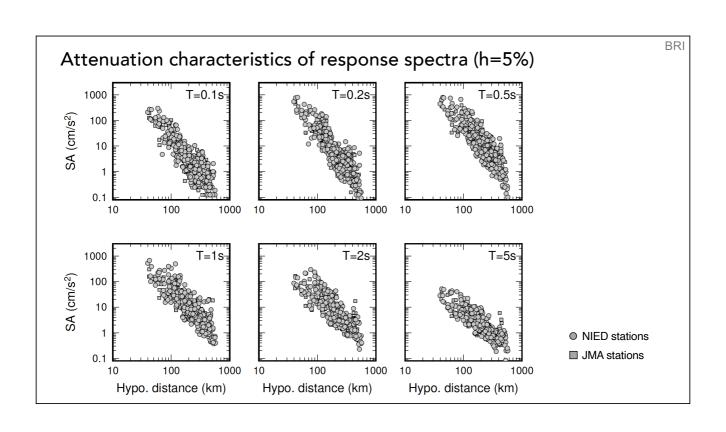
This report contains preliminary information/analysis results.











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Summary

NIED/JMA stations in Nichinan City, Miyazaki Pref., show larger PGA and PGV.

Response of pSv >165 cm/s (h = 5%, T=1-2 s) were not observed.

Acknowledgments:

We used K-NET and KiK-net strong-motion data provided by the National Research Institute for Earth Science and Disaster Resilience; NIED), Japan (https://www.doi.org/10.17598/NIED.0004) We also used strong-motion data from the Japan Meteorological Agency (JMA) seismic intensity stations.

We used hypocenter information, rapidly determined by JMA, and moment magnitude determined by NIED. Response spectra were calculated using the subroutine program developed by Ohsaki (1994). Figures were prepared using Generic Mapping Tools (GMT: Wessel and Smith, 1998).